

# Rotary actuator DRVS-25-270-P

Part number: 1845718

FESTO



## Data sheet

| Feature                                  | Value  |
|--|--|
| Size                                     | 25   |
| Cushioning angle                         | 0.5 deg  |
| Swivel angle                             | 0 deg...270 deg  |
| Permissible stop radius                  | 21 mm  |
| Cushioning                               | Elastic cushioning rings/pads at both ends                         |
| Mounting position                        | Any  |
| Mode of operation                        | Double-acting  |
| Structural design                        | Rotary vane  |
| Position sensing                         | For proximity sensor   |
| Variants                                 | Spigot shaft   |
| Operating pressure                       | 0.2 MPa...0.8 MPa<br>2 bar...8 bar                                 |
| Max. swivel frequency at 6 bar           | 2 Hz   |
| Repetition accuracy                      | 1 deg  |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]                      |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 1 - Low corrosion stress   |
| LABS (PWIS) conformity                   | VDMA24364-B2-L   |
| Cleanroom class                          | Class 6 according to ISO 14644-1                                   |
| Ambient temperature                      | 0 °C...60 °C   |
| Max. stop force                          | 320 N  |
| Max. axial force                         | 40 N   |
| Max. radial force                        | 60 N   |
| Theoretical torque at 6 bar              | 5 Nm   |
| Permissible mass moment of inertia       | 0.012 kgm <sup>2</sup>   |
| Product weight                           | 486 g  |
| Type of mounting                         | With internal thread   |
| Pneumatic connection                     | M5   |
| Note on materials                        | RoHS-compliant   |
| Drive shaft material                     | Steel, nickel-plated   |
| Seals material                           | TPE-U(PU)  |

| Feature          | Value                      |
|------------------|----------------------------|
| Housing material | Die cast aluminum, painted |